

UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new non-provisional applications under 37 C.F.R. § 1.53(b))</small>		Attorney Docket No. AFD 635	
		First Inventor or Application Identifier James R. Gord	
		Title TRIPLE-PUMP COHERENT ANTI-STOKES RAMAN SCATTERING SYSTEM	
		Express Mail Label No. EE380648483US	

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents	ADDRESS TO: MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450
--	---

1. <input checked="" type="checkbox"/> *Fee Transmittal Form (e.g., PTO/SB/17) 2. <input type="checkbox"/> Applicant claims small entity status (See 37 CFR 1.27) 3. <input checked="" type="checkbox"/> Specification [Total Pages 14] (Preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R&D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Detailed Description - Claim(s) - Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 3] 5. Oath or Declaration [Total Pages 2] a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper c. <input type="checkbox"/> Statements verifying identity of above copies
---	---

ACCOMPANYING APPLICATION PARTS
9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 1.373(b) Statement <input checked="" type="checkbox"/> Power of Attorney 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input type="checkbox"/> Information Disclosure Statement (IDS) PTO/SB/08A <input type="checkbox"/> Copies of IDS Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (should be itemized) 15. <input type="checkbox"/> Certified Copy of Priority Document(s) 16. <input checked="" type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach for PTO/SB/35 or its equivalent. 17. <input type="checkbox"/> Other: _____

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76

☐ Continuation
 ☐ Divisional
 ☐ Continuation in Part (CIP)
 of prior application No: _____
 Prior application information: Examiner _____ Group / Art Unit _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5B, is considered to be a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

CORRESPONDENCE ADDRESS					
<input checked="" type="checkbox"/> Customer Number or Bar Code Label		26902		or <input type="checkbox"/> Correspondence address below	
<small>(Insert Customer No. here)</small>					
Name		BOBBY D. SCEARCE			
Address		AFMCLO/JAZ			
		BLDG 11, ROOM 100			
		2240 B STREET			
City	WRIGHT-PATTERSON AFB	State	OH	Zip Code	45433-7109
Country	U.S.A.	Telephone	(937) 255-2838	Fax	(937) 255-3733

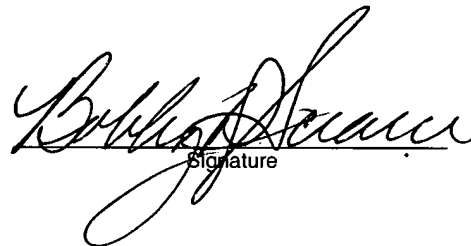
Name (Print / Type) BOBBY D. SCEARCE	Registration No. (Attorney / Agent) 26,333
Signature <i>Bobby D. Scearce</i>	Date 3 DEC 2003

<div style="display: flex; align-items: center;"> <div> FEE TRANSMITTAL for FY 2004 <small>Patent fees are subject to annual revision.</small> </div> </div>				Complete if Known																																																																																																																																																																																																																																															
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27				Application Number																																																																																																																																																																																																																																															
				Filing Date																																																																																																																																																																																																																																															
				First Named Inventor		James R. Gord																																																																																																																																																																																																																																													
				Examiner Name		(not assigned)																																																																																																																																																																																																																																													
TOTAL AMOUNT OF PAYMENT (\$) 770.00				Group Art Unit																																																																																																																																																																																																																																															
METHOD OF PAYMENT <input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account Deposit Account Number: AF 01-0465 Deposit Account Name: Department of the Air Force The Commissioner is authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account				FEE CALCULATION (continued)																																																																																																																																																																																																																																															
				3. ADDITIONAL FEES																																																																																																																																																																																																																																															
1. BASIC FILING FEE <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Code</th> <th>Fee (\$)</th> <th>Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility Filing Fee</td><td>770</td></tr> <tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design Filing Fee</td><td></td></tr> <tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant Filing Fee</td><td></td></tr> <tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue Filing Fee</td><td></td></tr> <tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional Filing Fee</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL (1)</td> <td>\$ 770.00</td> <td></td> </tr> </tbody> </table>				Large Entity		Small Entity		Fee Description	Fee Paid	Code	Fee (\$)	Code	Fee (\$)	1001	770	2001	385	Utility Filing Fee	770	1002	340	2002	170	Design Filing Fee		1003	530	2003	265	Plant Filing Fee		1004	770	2004	385	Reissue Filing Fee		1005	160	2005	80	Provisional Filing Fee		SUBTOTAL (1)				\$ 770.00		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Code</th> <th>Fee (\$)</th> <th>Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner Action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>420</td><td>2252</td><td>210</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>950</td><td>2253</td><td>475</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1,480</td><td>2254</td><td>740</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>2,010</td><td>2255</td><td>1,005</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>330</td><td>2401</td><td>165</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>330</td><td>2402</td><td>165</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>290</td><td>2403</td><td>145</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>480</td><td>2502</td><td>240</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>640</td><td>2503</td><td>320</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>770</td><td>2809</td><td>385</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>770</td><td>2810</td><td>385</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>770</td><td>2801</td><td>385</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr> <td colspan="4">Other fee (specify) _____</td> <td colspan="2"></td> </tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL (2)</td> <td>\$ 0</td> <td></td> </tr> </tbody> </table>		Large Entity		Small Entity		Fee Description	Fee Paid	Code	Fee (\$)	Code	Fee (\$)	1051	130	2051	65	Surcharge - late filing fee or oath		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		1053	130	1053	130	Non-English specification		1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner Action		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		1251	110	2251	55	Extension for reply within first month		1252	420	2252	210	Extension for reply within second month		1253	950	2253	475	Extension for reply within third month		1254	1,480	2254	740	Extension for reply within fourth month		1255	2,010	2255	1,005	Extension for reply within fifth month		1401	330	2401	165	Notice of Appeal		1402	330	2402	165	Filing a brief in support of an appeal		1403	290	2403	145	Request for oral hearing		1451	1,510	1451	1,510	Petition to institute a public use proceeding		1452	110	2452	55	Petition to revive - unavoidable		1453	1,330	2453	665	Petition to revive - unintentional		1501	1,330	2501	665	Utility issue fee (or reissue)		1502	480	2502	240	Design issue fee		1503	640	2503	320	Plant issue fee		1460	130	1460	130	Petitions to the Commissioner		1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		1806	180	1806	180	Submission of Information Disclosure Stmt		8021	40	8021	40	Recording each patent assignment per property (times number of properties)		1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))		1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))		1801	770	2801	385	Request for Continued Examination (RCE)		1802	900	1802	900	Request for expedited examination of a design application		Other fee (specify) _____						SUBTOTAL (2)				\$ 0		SUBTOTAL (3) \$ 0	
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																																																																														
Code	Fee (\$)	Code	Fee (\$)																																																																																																																																																																																																																																																
1001	770	2001	385	Utility Filing Fee	770																																																																																																																																																																																																																																														
1002	340	2002	170	Design Filing Fee																																																																																																																																																																																																																																															
1003	530	2003	265	Plant Filing Fee																																																																																																																																																																																																																																															
1004	770	2004	385	Reissue Filing Fee																																																																																																																																																																																																																																															
1005	160	2005	80	Provisional Filing Fee																																																																																																																																																																																																																																															
SUBTOTAL (1)				\$ 770.00																																																																																																																																																																																																																																															
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																																																																														
Code	Fee (\$)	Code	Fee (\$)																																																																																																																																																																																																																																																
1051	130	2051	65	Surcharge - late filing fee or oath																																																																																																																																																																																																																																															
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																																																															
1053	130	1053	130	Non-English specification																																																																																																																																																																																																																																															
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination																																																																																																																																																																																																																																															
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner Action																																																																																																																																																																																																																																															
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																																															
1251	110	2251	55	Extension for reply within first month																																																																																																																																																																																																																																															
1252	420	2252	210	Extension for reply within second month																																																																																																																																																																																																																																															
1253	950	2253	475	Extension for reply within third month																																																																																																																																																																																																																																															
1254	1,480	2254	740	Extension for reply within fourth month																																																																																																																																																																																																																																															
1255	2,010	2255	1,005	Extension for reply within fifth month																																																																																																																																																																																																																																															
1401	330	2401	165	Notice of Appeal																																																																																																																																																																																																																																															
1402	330	2402	165	Filing a brief in support of an appeal																																																																																																																																																																																																																																															
1403	290	2403	145	Request for oral hearing																																																																																																																																																																																																																																															
1451	1,510	1451	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																																															
1452	110	2452	55	Petition to revive - unavoidable																																																																																																																																																																																																																																															
1453	1,330	2453	665	Petition to revive - unintentional																																																																																																																																																																																																																																															
1501	1,330	2501	665	Utility issue fee (or reissue)																																																																																																																																																																																																																																															
1502	480	2502	240	Design issue fee																																																																																																																																																																																																																																															
1503	640	2503	320	Plant issue fee																																																																																																																																																																																																																																															
1460	130	1460	130	Petitions to the Commissioner																																																																																																																																																																																																																																															
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																																																																															
1806	180	1806	180	Submission of Information Disclosure Stmt																																																																																																																																																																																																																																															
8021	40	8021	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																																															
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																																																																															
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																																																																															
1801	770	2801	385	Request for Continued Examination (RCE)																																																																																																																																																																																																																																															
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																																																																															
Other fee (specify) _____																																																																																																																																																																																																																																																			
SUBTOTAL (2)				\$ 0																																																																																																																																																																																																																																															
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Total Claims</th> <th colspan="2">Indep. Claims</th> <th colspan="2">Multiple Dependent</th> <th colspan="2">Extra Claims</th> <th colspan="2">Fee from below</th> <th colspan="2">Fee Paid</th> </tr> </thead> <tbody> <tr> <td colspan="2">5</td> <td colspan="2">1</td> <td colspan="2"></td> <td colspan="2">0</td> <td colspan="2">18</td> <td colspan="2">0</td> </tr> <tr> <td colspan="2">- 20** =</td> <td colspan="2">- 3** =</td> <td colspan="2"></td> <td colspan="2">0</td> <td colspan="2">86</td> <td colspan="2">0</td> </tr> </tbody> </table> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> </tr> <tr> <th>Code</th> <th>Fee (\$)</th> <th>Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td></tr> <tr><td>1201</td><td>86</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td></tr> <tr><td>1203</td><td>290</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td></tr> <tr><td>1204</td><td>86</td><td>2204</td><td>43</td><td>**Reissue independent claims over original patent</td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>**Reissue claims in excess of 20 and over original patent</td></tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL (2)</td> <td>\$ 0</td> </tr> </tbody> </table>						Total Claims		Indep. Claims		Multiple Dependent		Extra Claims		Fee from below		Fee Paid		5		1				0		18		0		- 20** =		- 3** =				0		86		0		Large Entity		Small Entity		Fee Description	Code	Fee (\$)	Code	Fee (\$)	1202	18	2202	9	Claims in excess of 20	1201	86	2201	43	Independent claims in excess of 3	1203	290	2203	145	Multiple dependent claim, if not paid	1204	86	2204	43	**Reissue independent claims over original patent	1205	18	2205	9	**Reissue claims in excess of 20 and over original patent	SUBTOTAL (2)				\$ 0	**or number previously paid, if greater; For Reissues, see above																																																																																																																																																																		
Total Claims		Indep. Claims		Multiple Dependent		Extra Claims		Fee from below		Fee Paid																																																																																																																																																																																																																																									
5		1				0		18		0																																																																																																																																																																																																																																									
- 20** =		- 3** =				0		86		0																																																																																																																																																																																																																																									
Large Entity		Small Entity		Fee Description																																																																																																																																																																																																																																															
Code	Fee (\$)	Code	Fee (\$)																																																																																																																																																																																																																																																
1202	18	2202	9	Claims in excess of 20																																																																																																																																																																																																																																															
1201	86	2201	43	Independent claims in excess of 3																																																																																																																																																																																																																																															
1203	290	2203	145	Multiple dependent claim, if not paid																																																																																																																																																																																																																																															
1204	86	2204	43	**Reissue independent claims over original patent																																																																																																																																																																																																																																															
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																																															
SUBTOTAL (2)				\$ 0																																																																																																																																																																																																																																															
SUBMITTED BY <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">Typed or Printed Name</td> <td colspan="2">BOBBY D. SCEARCE</td> <td colspan="2">Registration. No.</td> <td colspan="2">26,333</td> <td colspan="2">Telephone</td> <td colspan="2">(937) 255-2838</td> </tr> <tr> <td colspan="2">Signature</td> <td colspan="6" rowspan="2"> </td> <td colspan="2">Date</td> <td colspan="2">3 DEC 2003</td> </tr> <tr> <td colspan="2">Typed or Printed Name</td> <td colspan="2"></td> <td colspan="2">Registration. No.</td> <td colspan="2"></td> <td colspan="2">Telephone</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">Signature</td> <td colspan="6"></td> <td colspan="2">Date</td> <td colspan="2"></td> </tr> </table>						Typed or Printed Name		BOBBY D. SCEARCE		Registration. No.		26,333		Telephone		(937) 255-2838		Signature								Date		3 DEC 2003		Typed or Printed Name				Registration. No.				Telephone				Signature								Date				Complete (if applicable)																																																																																																																																																																																													
Typed or Printed Name		BOBBY D. SCEARCE		Registration. No.		26,333		Telephone		(937) 255-2838																																																																																																																																																																																																																																									
Signature								Date		3 DEC 2003																																																																																																																																																																																																																																									
Typed or Printed Name										Registration. No.				Telephone																																																																																																																																																																																																																																					
Signature								Date																																																																																																																																																																																																																																											

REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)	First Named Inventor <u>Jam s P. Gord</u>
	Title <u>Triple-Pump C her nt Anti-St k s Raman Scattering System</u>
	Atty Docket Number <u>AFD 635</u>

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 1.22(b).

3 DEC 2003
Date


Signature

Bobby D. Searce
Registration No. 26333
Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and be submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 US.C. 122(b)(2)(B)(iii)).**